

09-30-04

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:	Gilbert <i>et al.</i>	Confirmation No.:	5565
Serial No.:	10/629,891	Art Unit	3629
Filed:	July 29, 2003	Examiner:	To be assigned
For:	<i>Method and Apparatus for Trading Energy Commitments</i>	Attorney Docket No.:	60825-0321-US

COMMUNICATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants enclose herewith a Revocation and Power of Attorney by Assignee executed on May 5, 2004 by Carole-Druhan Larsen on behalf of Electric Power Research Institute and a Statement Under 37 CF.R 3.73(b) executed by David R. Owens (Reg. No. 40,756) on behalf of the assignee, as appointed representative under the Power of Attorney.

Applicants believe that no fee is required with the submission of the enclosed document. However, if it is found that a fee is necessary, please charge the required fee to Morgan, Lewis & Bockius LLP Deposit Account No. 50-0310. A copy of this sheet is enclosed for accounting purposes.

Respectfully submitted,

Date: September 28, 2004

David R. Owens

40,756

(Reg. No.)

MORGAN LEWIS & BOCKIUS LLP
2 Palo Alto Square
3000 El Camino Real, Suite 700
Palo Alto, California 94306
(650) 843-4000



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Gilbert *et al.* Confirmation No.: 5565
Serial No.: 10/629,891 Art Unit 3629
Filed: July 29, 2003 Examiner: To be assigned
For: *Method and Apparatus for Trading
Energy Commitments* Attorney Docket No.: 60825-0321-US

STATEMENT UNDER 37 C.F.R. § 3.73(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Electric Power Research Institute states that it is:

- ☒ the assignee of the entire right, title, and interest; or
☐ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is %

in the patent application/patent identified above by virtue of an assignment from the inventor(s) of the patent application/patent identified above.

- ☒ The assignment was recorded in the United States Patent and Trademark Office on _____ at Reel _____, Frame _____, or for which a copy thereof is attached.

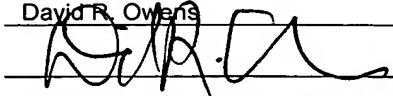
OR

- ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: To:
The document was recorded in the United States Patent and Trademark Office on at Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: To:
The document was recorded in the United States Patent and Trademark Office on at Reel _____, Frame _____, or for which a copy thereof is attached.

The undersigned whose signature and title is supplied below is authorized to act on behalf of the assignee.

Name David R. Owens
Signature  Date September 28, 2004
Title Attorney - Reg. No. 40,756 Telephone (650) 843-7509



THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: See Attached Schedule A

Serial No.: See Attached Schedule A

Filed: See Attached Schedule A

For: See Attached Schedule A

Attorney Docket No: See Attached
Schedule A

REVOCATION AND POWER OF ATTORNEY

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

S I R:

Electric Power Research Institute, Inc., owner of the entire right, title and interest in, to and under the inventions listed in the attached Schedule A hereby revokes all previous powers of attorney and appoints Morgan, Lewis & Bockius LLP, Customer No. 24341, and each of them, its attorneys, to prosecute these matters and to transact all business in the Patent and Trademark Office connected therewith, said appointment to be to the exclusion of the inventors and their attorney(s) in accordance with the provisions of 37 C.F.R. 3.71, provided that, if any one of these attorneys ceases being affiliated with the law firm of Morgan, Lewis & Bockius LLP as partner, counsel or employee, then the appointment of that attorney and all powers derived therefrom shall terminate on the date such attorney ceases being so affiliated.

Please direct all future correspondence to the address associated with Customer No. 24341 and direct all telephone calls to Morgan, Lewis & Bockius LLP at (650) 493-4935.

Date: May 5, 2004

Assignee: Electric Power Research Institute, Inc.

Signature: 

Typed Name: Carole Druhan-Larsen

Position/Title: Associate General Counsel,
Intellectual Property

Address: 3412 Hillview Avenue,
Palo Alto, CA 94304

SCHEDULE A

Serial No.:	Filing Date:	Title:	1st Named Inventor	Docket No.:
09/632,510	August 04, 2000	Apparatus and Method Analyzing Anisotropic Particle Scattering in Three-Dimensional Geometries	Watkins, Kenneth E.	60825-0122
09/920,679	August 01, 2001	Apparatus and Method For Measuring Current Flow in an Animal or Human Body	Kavet, Robert	60825-0243
09/923,256	August 02, 2001	Apparatus and Method for Monitoring a Cable	Stewart, Andrew H.	60825-0245
09/797,264	February 28, 2001	Low Power Gate Trigger Circuit For Controlling a Silicon-Controller Rectifier Circuit	Deam, David R.	60825-0258
10/004,000	November 14, 2001	Application of Symbol Sequence Analysis and Temporal Irreversibility to Monitoring and Controlling Boiler Flames	Daw, Charles Stuart	60825-0265
10/124,000	April 16, 2002	Method and Apparatus For Removing Vapor Phase Contaminants From a Flue Gas Stream	Chang, Ramsay	60825-0288

10/241,108	September 11, 2002	Method and Apparatus For Detecting Wear in Components of High Voltage Electrical Equipment	Dominelli, Nicola	60825-0291
10/251,439	September 20, 2002	Method and System For a Thermodynamic Process For Producing Usable Energy	Nayar, Ramesh C.	60825-0305
10/014,619	December 10, 2001	Apparatus And Method For Ultrasonically Cleaning Irradiated Nuclear Fuel Assemblies	Frattini, Paul L.	60825-0306
10/431,553	May 06, 2003	Method and Apparatus For Removing Vapor Phase Contaminants From a Flue Gas Stream	Chang, Ramsay	60825-0320
10/629,891	July 29, 2003	Method and Apparatus for Trading Energy Commitments	Gilbert, Joel	60825-0321
10/438,156	May 13, 2003	Application of Symbol Sequence Analysis And Temporal Irreversibility to Monitoring and Controlling Boiler Flames	Daw, Charles Stewart	60825-0323
10/615,165	July 07, 2003	Apparatus and Method For Measuring Current Flow in an Animal Or Human Body	Kavet, Robert	60825-0327

10/704,240	November 07, 2003	Method and Apparatus For Repairing Superalloy Components	Peterson, Jr., Artie G.	60825-0340
09/728,723	November 30, 2000	Capillary Electrophoresis Probes and Method	Yengoyan, Leon S.	60825-5003

RECORDATION FORM COVER SHEET
PATENTS ONLYAttorney Docket Number:
60825-321-US

COPY

Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

COPY

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

- a) Joel Gilbert; and
-
- b) William M. Smith

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Electric Power Research Institute, Inc.Address: 3412 Hillview Avenue, Palo Alto, CA 94304

Country (if other than USA):

3. Nature of conveyance:

☒ Assignment

Merger

Security Agreement

Change of Name

Other

Execution Date: a) April 29, 2004; and b) April 22, 20044. Application number(s) or patent number(s): 10/629,891

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) —

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

MORGAN, LEWIS & BOCKIUS LLP
3300 Hillview Avenue
Palo Alto, California 94304

6. Number of applications and patents involved:

17. Total fee (37 CFR 3.41):.....\$40.00
Please charge to the deposit account listed in Section 8.

8. Deposit account number:

50-0310 (order no. 60825-321-US)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

David R. Owens

Name of Person Signing

40,756

Reg. No.

Signature

May 5, 2004

Date

Total number of pages including cover sheet:

5

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

ASSIGNMENT

WHEREAS, WE, Joel Gilbert, a citizen of the United States, residing at 2100 East Exchange Place, Tucker, GA 30084; and William M. Smith, a citizen of the United States, residing at 6247 Ridgemont Drive, Oakland, CA 94619; ASSIGNORS, are the inventors of *Method and Apparatus for Trading Energy Commitments* the invention for which we have executed an application for a Patent of the United States

- ☐ which is executed on ☐ even date herewith or ☐
☒ which is identified by Morgan, Lewis & Bockius LLP docket no. 60825-321 U.S.
☒ which was filed on July 29, 2003, Application No. 10/629,891
☐ We hereby authorize and request our attorney, , of Morgan, Lewis & Bockius, LLP, to insert here in parentheses (Application number, _____ filed _____) the filing date and application number of said application when known.

and WHEREAS, Electric Power Research Institute, Inc., ASSIGNEE is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date April 29, 2004

Joel Gilbert L.S.
Joel Gilbert

State of Georgia)
County of Rockdale) SS.:

On April 29, 2004, before me, KAREN D. MORRIS, Notary Public, personally appeared Joel Gilbert, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Karen D. Morris

Notary Public, Rockdale County, Georgia
My Commission Expires October 9, 2005

, 2004

William M. Smith

State of _____)

County of _____)

On _____, 2004, before me, _____ Notary Public, personally appeared William M. Smith, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

ASSIGNMENT

WHEREAS, WE, Joel Gilbert, a citizen of the United States, residing at 2100 East Exchange Place, Tucker, GA 30084; and William M. Smith, a citizen of the United States, residing at 6247 Ridgmont Drive, Oakland, CA 94619; ASSIGNORS, are the inventors of *Method and Apparatus for Trading Energy Commitments* the invention for which we have executed an application for a Patent of the United States

- ☐ which is executed on ☐ even date herewith or ☐
- ☒ which is identified by Morgan, Lewis & Bockius LLP docket no. 60825-321 U.S.
- ☒ which was filed on July 29, 2003, Application No. 10/629,891
- ☐ We hereby authorize and request our attorney, , of Morgan, Lewis & Bockius, LLP, to insert here in parentheses (Application number, _____ filed _____) the filing date and application number of said application when known.

and WHEREAS, Electric Power Research Institute, Inc., ASSIGNEE is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.

Date _____, 2004 _____ L.S.
Joel Gilbert

State of _____)
) SS.:
County of _____)

On _____, 2004, before me, _____, Notary Public, personally appeared Joel Gilbert, personally known to me on the basis of satisfactory evidence to be the person(s) whose name(s) is subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Date 4/23/04, 2004

[Signature]

L.S.
William M. Smith

State of California,
County of Alameda) SS.:

On April 28, 2004, before me, Guadalupe Bassig Valdepnas Notary Public, personally appeared William M. Smith, personally known to me on the basis of satisfactory evidence to be the person(~~s~~) whose name(~~s~~) is subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity(~~ies~~), and that by his/~~her/their~~ signature(~~s~~) on the instrument the person(~~s~~), or the entity upon behalf of which the person(~~s~~) acted, executed the instrument.

WITNESS my hand and official seal

Guadalupe Bassig Valdepnas

